

The University of Maryland College Park

OUTLOOK

February 22, 1988

Ag Experiment Station Celebrates 100th Year

One hundred years ago, George Eastman invented the Kodak camera, but most people of the day were more concerned with the fierce blizzard that ravaged the East than with the latest invention. About half of the people in the United States depended on the land and weather for their livelihood. They were farmers.

Even though inventions and industry were revolutionizing the world at that time, the farmer was still king. He tilled the soil and tended his livestock to produce enough food for himself and five others.

He would have liked to produce more for all his efforts, but he had little time for experimentation and distrusted scientists offering "miracle fertilizers."

This is where the Maryland Agricultural Experiment Station and research stations like it stepped in. The MAES—which will be 100 years old in March—has helped mechanize farms, developed more effective fertilizers, taught safer use of pesticides, and improved crops and livestock through genetics and breeding.

As a result of work done through these experiment stations, a farmer today produces enough for about 75 people.

It was William Henry Hatch, a congressman from Missouri, who in 1886 proposed establishing agricultural experiment stations to conduct reliable and useful research for farmers.

President Grover Cleveland signed the Hatch Act into law on March 2, 1887, thus creating a system of federated but independently operated state experiment stations. They were charged "to conduct original researches or verify experiments ... [on subjects] bearing directly upon the agriculture industry of the United States," but each station determined its own programs due to the "varying conditions and needs of the respective States or Territories."

One year later, the Maryland General Assembly established the MAES at the Maryland Agricultural College, the state's land-grant institution and forerunner of UMCP. They set aside 50 acres of land along Route One for field testing and made the Rossborough Inn the administrative and research center for the station.

Since that time, the small station has grown to more than a dozen laboratories, test farms and facilities



on the campus and across the state. One hundred and twenty scientists conduct research and many teach at College Park. In 1888 the MAES annual budget was \$15,000. Today it operates on \$20 million, with more than two-thirds of that provided by the State.

Along the way, MAES has accomplished much for the farmers it was created to serve. From the 1950s through the 1970s, the "Golden Years" for the MAES, scientists made numerous contributions to agriculture.

Amihud Kramer and George Burkhardt developed the Kramer Shear Press which for the first time quantified subjective measures of quality such as "tough" or "mushy." Kramer also invented a non-refrigeration method of storing food.

Leland Scott researched the quick cooling of sweet corn to preserve



The original Maryland Agricultural Experiment Station, pictured here at the turn of the century, consisted of the Rossborough Inn (at right), several barns and 50 acres of land along Route One.

quality for fresh market and processing.

Gerald Combs improved poultry nutrition practices and other management techniques for Maryland's broiler industry.

Mary Shorb developed important

assays that allowed for the isolation of vitamin B-12, a vital nutrient for poultry and humans.

Shorb, who is now retired, will be honored at a private March 3rd ceremony at the Rossborough Inn recognizing the MAES's past accomplishments. At the same time, a plaque will be dedicated that commemorates the Rossborough Inn as the first home of the State's experiment station.

As part of the ceremonies, on March 4, the MAES will sponsor a symposium on "The Role of Agricultural Research in the 21st Century." The symposium will be from 9 a.m. to 2 p.m. in the Firefighter's Room of the Center of Adult Education. Speakers will include J.A. Doerr of the Department of Poultry Science, Odonna Mathews of Giant Food, Inc., Ed Lippy of Lippy Brothers, Inc., and Chancellor Ted Hullar from the University of California at Davis.

The speakers will take a look back at significant contributions made by the experiment stations and look ahead to the challenges facing MAES and the other 55 stations across the country as they help farmers feed the world for the next century. ■

—Jan Barkley

Campus Senate Urges Regents to Oppose Governance Plan

On Feb. 11 the Campus Senate voted unanimously to pass a resolution reaffirming its opposition to the Governor's plan to reorganize higher education in the State of Maryland and urging the UM Board of Regents to oppose this plan as it is now constituted.

In a letter hand delivered to Chairman of the Board of Regents Allen Schwait after the senate meeting, Campus Senate Chair Andrew Wolvin stated that the Campus Senate, representing faculty, students, administrators, and staff, has serious concerns about the Governor's plan. Wolvin said the concerns center on

the need for increased funding, greater autonomy, and a more carefully-defined role for College Park in the state-wide system.

Before its latest action, the senate had already stated its opposition to the higher education proposal. On Nov. 19, 1987 it passed several recommendations outlining guarantees for the College Park Campus that should be included in any governance plan. Its latest opposition to the plan came when these safeguards for College Park were not included in the plan as it now stands. Senate Chair Wolvin will testify during a State Senate hearing scheduled for Feb. 25. ■

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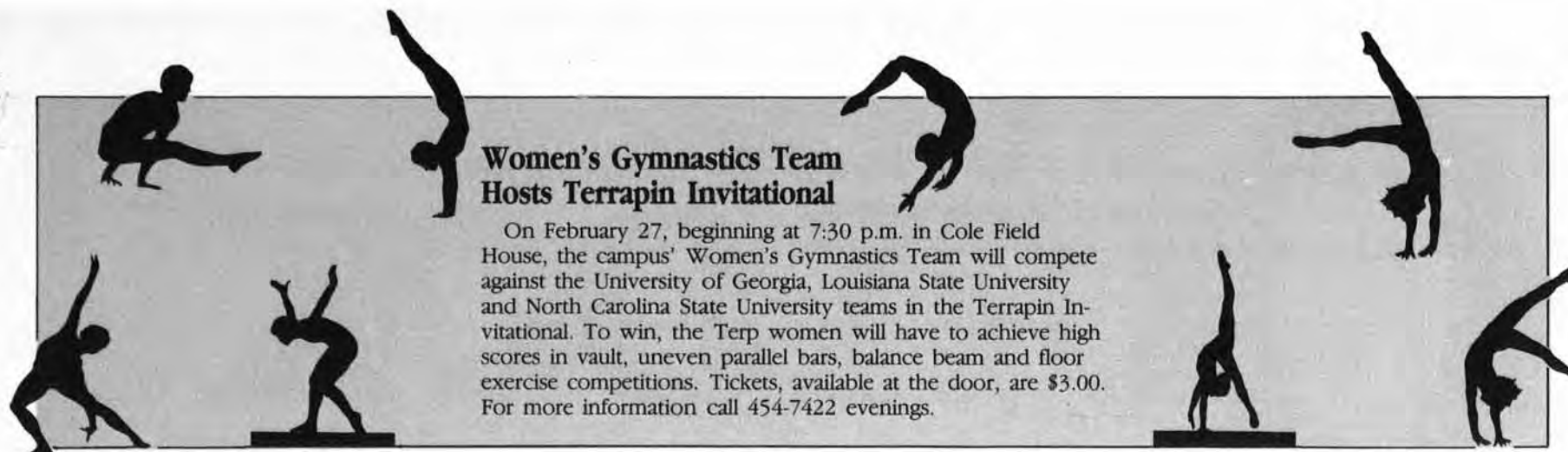
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Women's Gymnastics Team Hosts Terrapin Invitational

On February 27, beginning at 7:30 p.m. in Cole Field House, the campus' Women's Gymnastics Team will compete against the University of Georgia, Louisiana State University and North Carolina State University teams in the Terrapin Invitational. To win, the Terp women will have to achieve high scores in vault, uneven parallel bars, balance beam and floor exercise competitions. Tickets, available at the door, are \$3.00. For more information call 454-7422 evenings.

RESEARCH UPDATES

Researcher Takes an Inside Look at Coaching and Stress



Maryland Basketball Coach Bob Wade

Terrapin Basketball Coach Bob Wade glances at the scoreboard clock and signals in a play—knowing his team must win on the last shot with only 15 seconds to play. Redskins' Coach Joe Gibbs kneels as his defense digs in for a final goal line play against the Minnesota Vikings in the

NFC Championship Game.

We almost always say to ourselves as we watch: "You couldn't pay me to work under that kind of pressure!"

Well, now a new book examines the stress involved in coaching varsity athletics. *Stress in Coaching* by James H. Humphrey, professor emeritus of physical education and health, examines the unique problems faced by coaches—both men and women—and the stress resulting from those problems. The book, published by Charles C. Thomas, is based on extensive surveys and comments by several prominent coaches.

Among the topics covered are discussions of the coaching profession in general, past and present concerns of varsity athletics, coaches' concepts of stress, and the emotional aspects of coaching. Stress-inducing factors, coping techniques, and a personal regimen for stress management are also explained. Humphrey says the book will be of interest not only to coaches and administrators, but to anyone interested in varsity athletics. ■

—Tim McDonough

IDMC Completes Four-Year Development Project in Haiti

Staff from UMCP's International Development Management Center (IDMC) last November completed a four-year institution-building project with the Planning Ministry of the Government of Haiti.

In cooperation with the Agency for International Development (AID) and the U.S. Dept. of Agriculture, IDMC

provided technical assistance to help monitor and evaluate development projects throughout the country. Derick Brinkerhoff, a research associate with IDMC, served in Haiti as the project's resident advisor.

"We had three activities on our agenda for meeting the project objective," Brinkerhoff says. "First, we set out to modify and improve the management information system of the Office of Monitoring and Evaluation. Second, we wanted to create a system for monitoring and evaluating project progress and performance so that these processes could be implemented by the staff. Finally, documentation and analysis of the lessons that were learned throughout the capacity-building experience needed to be prepared. The project's approach to working with the Haitian staff was collaborative and designed to encourage participation and a sense of ownership, to build needed skills, and to promote institutional development."

Brinkerhoff says the project managed to produce significant results even with the Haiti's politically-charged environment and public sector.

"Staff turnover, funding cuts, and the fall of the 28-year Duvalier father-and-son dictatorship in February 1986 caused slower progress than initially anticipated," he says. "Nonetheless, the project was able to achieve a large measure of success in meeting its objectives." ■

UMCP Minority Health Research Lab Joins Fight Against AIDS

In an effort that marks a first for Prince George's County, the College of Physical Education, Recreation and Health's Minority Health Research Laboratory will join forces with the Black Women's Health Council and the P. G. County Health Dept. in an AIDS awareness campaign among the county's Black communities. This is the first time The University of Maryland, county government, and a Black community organization have joined together in mutual cooperation to promote health and prevent disease among Black residents of Prince George's County.

According to Stephen Thomas, assistant professor of Health Education, the percentage of AIDS cases in P.G. County is second only to Baltimore City. Blacks represent 47 percent of the population in the county, yet represent 62 percent of all current AIDS cases. As of Feb. 1, 1988, Thomas says a total of 961 cases of AIDS have been diagnosed in the State of Maryland, of which 221 (23 percent) involve residents of Prince George's County. While the number of Black AIDS patients throughout the State has remained at about 51 percent, the Black population of the State is only 22 percent.

Thomas says these figures are of great concern because less than 2 per-

cent of federal AIDS prevention funds have focused on minority populations, and because members of the Black community know little of the threat posed by this deadly disease.

The project, "AIDS Education and Prevention in the Black Community," stems from a \$17,989 grant awarded to the Black Women's Health Council by the U.S. Conference of Mayors in December, 1987. The grant, one of 22 nationwide, was awarded to the Council to develop a program of AIDS education. The project is designed to increase awareness, reduce high risk behaviors and involve the Black community in developing AIDS prevention efforts in Prince George's County.

Black Women's Health Council President Marian Hunt has secured support from Thomas, and Helen McAllister, M.D., Health Officer with the P.G. County Health Dept., to help administer the project. Thomas will head the project evaluation team.

A press conference announcing the project was held on Feb. 15, at the Glenarden Town Hall. James C. Fletcher, mayor of the Town of Glenarden, and William E. Kirwan, vice chancellor for academic affairs, voiced their support for the project, which is expected to begin later this week. ■

—Tim McDonough

OUTLOOK

OUTLOOK is published weekly during the academic year by the Office of Institutional Advancement for the faculty and staff of the University of Maryland College Park Campus.

A.H. Edwards, Vice Chancellor for Institutional Advancement
Roz Hiebert, Director of Public Information & Editor
Mercy Coogan, Production Editor
Jan Barkley, Brian Busek, Tim McDonough, Tom Otwell, Staff Writers
Linda Freeman, Calendar Editor

Maria Sese, Design & Coordination
Stephen A. Darrou, Design & Production
John T. Consoli, Design & Production
Paul Cofrancesco, Jill Horine, Christopher Marlow Student Interns
Al Danegger, Larry Crouse, Diane Guthrie, Contributing Photography

Letters to the editor, story suggestions, campus information and calendar items are welcome. Send to Roz Hiebert, Editor OUTLOOK, 2101 Turner Building, through campus mail or to The University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335.



CHPS Professor Offers Summer Seminar

Stephen Brush, professor of history and physical sciences, recently received a \$71,000 grant to conduct a seminar at UMCP this summer titled "Development of the Modern Scientific World View."

The grant from the National Endowment for the Humanities will support an eight-week seminar designed for college teachers in the humanities and social sciences who have little or no background in science.

Deadline for applying to the program is March 1. Applications may be obtained from Brush by calling x2724.

The seminar, to be held from June 13 to August 5, will discuss selected

major discoveries and theories of the 19th and 20th centuries.

Topics will include Darwin and evolutionary world view, cosmology and cosmogony, quantum theory and the assault on realism, and current controversies about the nature of scientific revolutions.

Twelve teachers will be selected to participate, each of whom will receive a stipend of \$3,500 for travel and living expenses. Each participant will prepare a detailed case history of one scientific discovery or theory, including its relevance to some area of the humanities or social sciences. ■

Executive Leadership Workshop To Be Conducted

On March 3 & 4, deans, assistant deans, department chairs, department directors, and faculty administrators will convene in the Center for Adult Education for a executive leadership conference. Sponsored by Personnel Services' employee relations and training department, the all-day conference (9 a.m.-4

p.m.) will cover planning and goal-setting, delegating and developing subordinates' skills, leadership skills, managing time, dealing with people problems and effective communications. Since only 25 people will be admitted to the conference, call now to obtain a registration form, 454-4811.

UMCP Libraries to Trace Maryland's Newspapers



There's nothing more out of date than yesterday's newspaper. And yet... of the some 1,400

newspapers published in the State of Maryland since the *Maryland Gazette* first appeared in Annapolis 261 years ago, copies of more than 1,200 are known to have survived.

Some, like the late *The News American* which was published in Baltimore for more than 200 years until it folded in 1986, and *The Sun*, which celebrated its 150th anniversary last year, have long and proud histories. Others, like the *Takoma Park Tydings*, one of Maryland's first suburban Washington, D.C. papers, appeared only once on Friday, August 24, 1894, and then vanished forever.

(Some 3,000 bound volumes and microfilm of *The News American* and the only known existing copy of *Takoma Park Tydings* are held by the UMCP Libraries.)

But, according to Peter H. Curtis, curator of Marylandia in the Special Collections Division of UMCP Libraries, much of Maryland's newspaper heritage is largely unavailable to political scientists, historians, genealogists, and other scholars wishing to mine this rich lode.

Researchers, he says, need to be able to locate titles and have easy access to them. However, there is now no complete published guide to the location of Maryland's newspapers. Existing guides do not cover all repositories in the state, do not include all the holdings of those they do describe, and are sadly out of date.

A new, two-year project supported by a \$192,255 grant from the National Endowment for the Humanities may help change all that.

The Maryland Newspaper Project will locate, catalog and create a guide to all newspapers located in publicly accessible institutions in the state, Curtis says. Project staff members will

compile this information by visiting libraries, museums, and archives around the state that have newspaper collections.

The information collected will be entered into the national library computer data base of OCLC, Inc., the On-line Computer Library Center, Inc., a network of some 7,500 member libraries, and a printed guide using this information will be produced. In addition, those newspapers too fragile to catalog or those held in private collections and needed to complete the project, will be microfilmed to facilitate the cataloging process.

The UMCP Libraries are the recipient of the NEH grant and will work in cooperation with several other major Maryland institutions including Baltimore's Enoch Pratt Free Library, which houses the state's most extensive collection of newspapers, the Maryland Historical Society and the Maryland State Archives.

"The real objective is to preserve these newspapers and make them accessible to scholars and researchers," Curtis says.

\$50,000 from the NEH grant is earmarked for microfilming to support the cataloging project, he says. Upon completion of the cataloging project, Curtis notes, NEH encourages states to apply for additional funds to complete the microfilming of all their newspapers.

Together, Maryland's newspapers represent an extraordinarily rich mix of socialist papers, early black papers, labor union papers, ethnic papers, small town weeklies and big city dailies.

"The diversity of all this material is fascinating," Curtis says. "The newspapers offer a resource for understanding the Maryland political, cultural and historical scene that is unavailable anywhere else."

—Tom Ottwell

First MIPS Awards Made

Twenty six Maryland companies have been awarded the first matching fund grants offered by the Maryland Industrial Partnerships (MIPS) program.

Governor William Donald Schaefer announced that \$650,000 in State seed money would be matched by Maryland firms for research projects in partnership with UM faculty researchers.

In making the announcement, the Governor said: "Technology innovation is critical to the expansion and growth of the Maryland economy—this program can accelerate university-industry cooperation to link research and development. Through MIPS, we will establish new and stronger bonds between Maryland companies and all the campuses of the University."

The project's total value is nearly \$2.5 million. Venture capital firms have invested an additional \$750,000 to the start-up companies as a direct consequence of their participation in the MIPS program.

MIPS is the newest program of the UM Engineering Research Center. It promotes research in technical fields leading to new or improved products or processes for Maryland companies. Projects were evaluated for their potential to create jobs or provide

other tangible economic benefits to the state's industry.

Several of the state's major industries that will benefit from the first round of MIPS awards include:

Two biotechnology projects—one which should result in an improved artificial sweetener for food products, the other which is expected to advance research in a range of applications using monoclonal antibodies that are basic to development of many health-related products.

The University of Maryland's Manufacturing Technology Program will carry out research projects with companies that are producing products ranging from customized machine parts and circuit boards to small appliances and convertible tops for cars.

Several projects that will help Maryland's Eastern Shore produce more fish and shellfish were awarded MIPS funds.

Medical research, instrumentation and training devices are the focus of several other projects.

Computer software, superconductors, robotics, communications and laser technology are also among the research areas represented. ■

Workshop Seeks Faculty to Help Improve Student Literacy

Organizers of a program to improve student literacy are seeking UMCP faculty members as participants in a summer workshop.

The program is geared toward improving students' abilities to read, write, talk and think critically in ways expected within the disciplines in which they study. The program was established last year by Gene Hammond, associate professor of English, and Joan Retallack, lecturer in general honors, with the help of a \$50,000 Ford Foundation grant.

Participating faculty members will be asked first to describe the skills expected of themselves in their professions and then identify which of those many skills their students need

to learn. Hammond, Retallack and the entire group will then discuss writing and reading assignments, classroom methods and student motivation in order to devise ways of helping students increase their literacy within their fields.

The workshop will take place May 23-June 3 and includes a stipend of \$1,200 for participants. The deadline for applications is March 4.

The workshop last year included faculty members from the departments of psychology, communication arts and theatre, zoology, geography, history, linguistics, accounting and physical education.

For more information call 454-6951. ■

Campus Senate Votes on Part of Pease Report

After two meetings, the Campus Senate has voted on the first ten of the 27 recommendations contained in *Promises to Keep: The College Park Plan for Undergraduate Education*. The senate approved nine recommendations or amended versions and rejected one.

The senate narrowly passed a proposal to create a two-year trial program of "College Park Seminars" for

freshmen as part of the General Education Program. However, it rejected a recommendation to establish a two-year experimental speech communication course.

It also approved the report's recommendation calling for the development of a "capstone" course by each department for its major field or fields of study. The recommendation was amended to allow a depart-

ment to present to the appropriate Standing Committee its reasons for its inability to develop a meaningful capstone.

Two years ago, the senate created an ad hoc committee charged with assessing how well UMCP's general education requirements serve the aims of a liberal education and to make recommendations for improving undergraduate education at College

Park. The committee was chaired by associate sociology professor John Pease. Its final report is known as the Pease report.

The Senate will hold its next regular meeting Monday, March 7 at 3:30 p.m. in the Armory to continue discussion and action on the Pease Committee report and recommendations.

Senators are urged to attend. ■

Calendar

February 22-March 2

22 MON

Korean Studies Lecture: "South Korean Politics: Post-Election Observations," John Oh, Vice President, Catholic U., 12 noon, 1400 Marie Mount, call x2241 for info.

Horticulture Seminar: "The Biochemical Mystery of the trichothecene antibiotic in *Baccharis*," Bruce Jarvis, 4 p.m., 0128B Holzapfel, call x3614 for info.

Computer Science Lecture: "A Reconfigurable Parallel Processing System," H.J. Siegel, Supercomputing Research Center, 4 p.m., 0111 Classroom Bldg., call x4244 for info.

Wanderlust Travelogue: Alaska, 7:30 p.m., Hoff Theater, tickets \$4, \$3, \$2, call x 4987 for info.

Art Exhibit: "Skowhegan: A Ten Year Retrospective," Mon.-Fri. 10 a.m.-4 p.m.; Wed. 10 a.m.-9 p.m.; Sat.-Sun. 1-5 p.m., Art Gallery, Art/Soc. Bldg., call x2763 for info.

Black History Month Exhibits: "In Remembrance of James Baldwin," McKeldin and Hornbake Libraries, call x2853 for info.

"Pan-Hellenic Showcase," featuring prominent Black men and women who are active in PHC organizations, Stamp Union, call x4952 for info.

"Black History Month Showcase," James Curriculum Lab, College of Education, call x5467 for info.

Parents Association Gallery Exhibit: "Phumalanga: Tapestries from Swaziland," Mon.-Fri. 10 a.m.-8 p.m., Sat.-Sun. 11 a.m.-5 p.m., call x4753 for info.

23 TUE

Zoology Seminar: "Evolution in Patchy Environments," Sara Via, Cornell U., 12 noon, 1208 Zoo/Psych, call x3203 for info.

Office of International Programs Colloquium: "Fighting the Good Fight: Women, Families and Change in Comparative Perspective," Alaka Wali, 12 noon, 0115 Symons, call x6407 for info.

Job Fair: Washington Area Colleges and Universities, 2-7 p.m., Westpark Hotel, Rosslyn; for majors in non-engineering fields; a directory of participating organizations is available in the Career Development Center, call x2813 for info.

Black History Month Lecture: "AIDS Education and Prevention in the Black Community," Steven Thomas, 2:30 p.m., North Gym; call x3096 for info.

Physics Colloquium: "Positrons and Positronium in Simple Crystals," Alec Stewart, Queen's U., Ontario, 4 p.m., 1410 Physics, call x3501 for info.

Black History Month Workshop: "Blacks in Media," 7:30 p.m., Leonardtown Community Center;

sponsored by Resident Life, call x4276 for info.

University Theatre Production: *The Bacchae of Euripides*, 8 p.m., Tawes; tickets \$7 (\$5.50 senior/student); also on Feb. 24-27 8 p.m., Feb. 28 at 2 p.m., call x2201 for info.*

24 WED

Black History Month Performance: Archie Edwards, blues guitarist, 11 a.m., Stamp Union Atrium, call x4987 for info.

Counseling Center R & D Meeting: "Family Caregiving Responsibilities and Stresses within the UMCP Community," Edward Ansello and Carol Riddick, 12 noon, Testing Room Shoemaker, call x2931 for info.

History Lecture: "Creativity and Oppression: African Art and the Slave South," Sterling Stuckey, 3 p.m., 1117 Key, call x2843 for info.

Philosophy Club Meeting: "Berkeley's Unimaginable Tree," Alan R. White, U. of Hull, England, 3:30 p.m., 1102 Key, call x2850 for info.

Astronomy Colloquium: "The Dominant Interactions between Supernovae and the Interstellar Medium," Robert Braun, NRAO/VLA, 4 p.m., 1113 Computer and Space Science, call x6453 for info.

Black History Month Intercultural Workshop: "Bafa Bafa," 6:30 p.m., LaPlata Study Lounge, sponsored by Resident Life, call x4276 for info.

Black History Month Entertainment: Black Quest (Trivia game), Nyumburu Cultural Center (3123 S. Campus Dining Hall), call x5774 for info.

Black History Month Performance: "Evening of the Blues and Talent Show," 7:30 p.m., Elkon Recreation Room, featuring Otis Williams and student performers, call x4645 for info.

25 THU

Lifelong Learning Research Conference, 9 a.m. Center of Adult Education; also on Feb. 26; call x4933 for info.

Continuing Medical Education Program: "Scope of Oral-Maxillofacial Surgery," John Nespeca and panel, 12:30 p.m., 3100E Health Center, call x6751 for info.

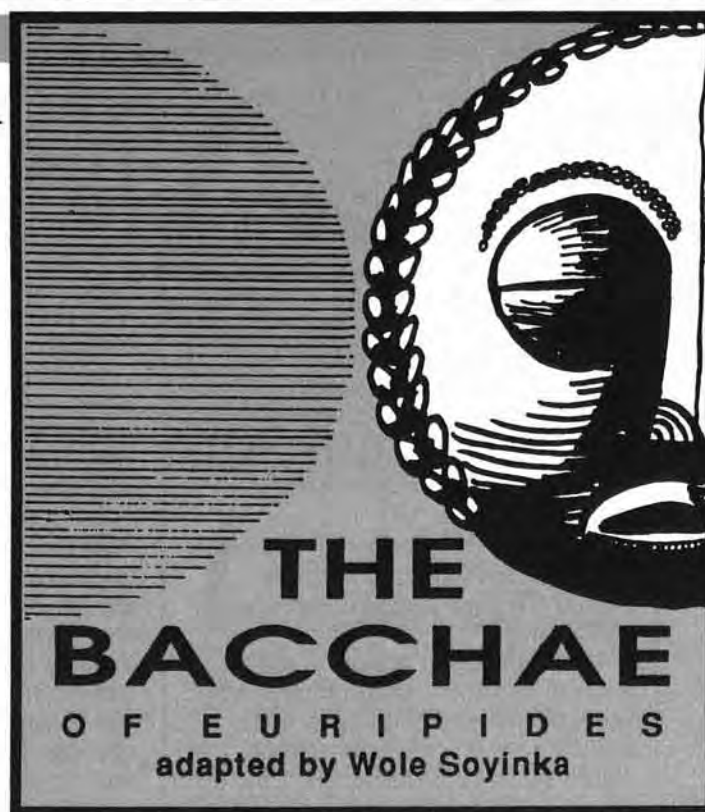
Nutritional Sciences and Poultry Science Colloquium: "Hormonal Mechanism of Salt Intake," A.N. Epstein, U. of Pennsylvania, 3:30 p.m., 0200 Symons, call x7838 for info.

Writers Here and Now Poetry Reading: Sharon Olds, 3:30 p.m., Porter Room, McKeldin, call x2511 for info.

Black History Month Panel Discussion: "Seeking Solutions: Combating Racism," sponsored by Baptist Student Union, 6:30 p.m.,

Ensemble Reschedules Concert

"The Second Decade," a concert by the Twentieth Century Ensemble postponed due to snow, will take place at the University of Maryland on Saturday evening, February 27 at 8 p.m. in Tawes Recital Hall. Featured will be the talents of William Montgomery, Emerson Head, Joel Berman, Norman Heim, William Hudson and three members of the university's dance faculty. The program will include the music of Schoenberg, Berg, Webern and Stravinsky's "L'Histoire du Soldat." For more information about the free concert call x6669.



Memorial Chapel Lounge; call x4604 for info.

Jewish Student Center Class: "Women and Purim," Rabbi Winter, 8 p.m., Jewish Student Center, call 422-6200 for info.

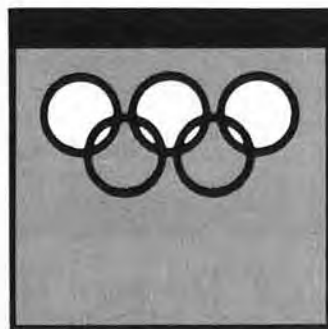
Employee Development Seminar: Executive Leadership Conference, nomination deadline for seminar on Mar. 3 and 4, call x4811 for info.

26 FRI

Geology Seminar: "Fluid flow during metamorphism," Douglas Rumble, Carnegie Geophysical Lab, 11 a.m., 0105 Hornbake, call x3548 for info.

Lunch 'n Learn Conference: "Counseling of People at Risk for AIDS: Pre- and Post-HIV Testing," Meg Bennett and Joe Izzo, Whiman-Walker Clinic, 1 p.m., 3100E Health Center, call x4925 for info.

Music Lecture: "Research at the Library of Congress: The Laborde Chansonier," James Pruett, Music Division, 3 p.m., 2102 Tawes, call x2501 for info.



Black History Month Lecture: "Black Female Olympians," Joan Hult, 3 p.m., North Gym, call x3096 for info.

James W. Pruett: Chief, Music Division, Library of Congress, "Research at the Library of Congress and a Case in Point: The Laborde Chansonier," 3 p.m., Tawes, rm. 2102

27 SAT



Guitar Concert: Eduardo Fernandez, 8 p.m., Memorial Chapel; tickets \$9 (senior/student \$5), call x2803 for info.*

Black History Month Fashion Show, sponsored by NAACP and Omega Psi Phi, 7 p.m., Grand Ballroom, Stamp Union, call x8806 for info.

29 MON

Office of International Programs Seminar: "Vernonia Galanesis: A Potential New Industrial Seed Crop," Robert Perdue, USDA, 12 noon, 0115 Symons, call x6407 for info.

Black History Month Concert: Daniel Womack, guitar blues, ragtime piano, 1 p.m., Nyumburu Cultural Center, 3123 S. Campus Dining Hall, call x5774 for info.

Computer Science Lecture: "Adequate Supporting Communication Interfaces in Distributed Systems," Juergen Nehmer, U. of Kaiserslautern, 4 p.m., 0111 Classroom Bldg, call x4244 for info.

Entomology Seminar: "Biological Insect Control: An International Perspective," Joop van Lenteren, Wageningen Agricultural U., The Netherlands, 4 p.m., 0200 Symons, call x3843 for info.

History and Philosophy of Science Colloquium: "Religion and Public Education," Edd Doerr, Americans for Religious Liberty, 4:15 p.m., 2114 Skinner, call x2850 for info.

Space Science Seminar: "The Storm-Time Energy Spectra of the Major Ion Species in the Ring Current," Lynn Kistler, 1113 Computer and Space Sciences, call x7309 or x3966 for info.

Korean Studies Lecture: "Korean Economic Development and Export Promotion Strategy," Yung Whee Lee, World Bank, 6 p.m., Lefrak, call x2241 for info.



Intramural Softball and Intramural Coed Softball (All-University) Information available at Campus Recreation Services, 1104 Reckord Armory, call x3124.

1 TUE

Zoology Seminar: "The Evolution of Frequent Flyer Programs in Plant Hoppers: Genes, Crowding and their Interactions," George Roderick, 12 noon, 1208 Zoo/Psych, call x3203 for info.

Cultural Carnival Lecture: Dumisani Kumalo, founder of the South African Divestment Movement, 7:30 Grand Ballroom, Stamp Union, tickets \$9, \$7, \$4, call x4987 for info.*



Chancellor's Commission on the Disabled: Deadline for nominations for awards to those who have made significant contributions toward improving the quality of life for the disabled on campus; call x5078 for info.

2 WED

Mathematics Workshops: "Inverse Problems," also on Mar. 3 and 4, call x7061 for info.

Counseling Center R & D Meeting: "IED Research Component," Ulysses Connor and Ruth Bennis, 12 noon, Shoemaker, call x2931 for info.

Graduate Student Association Assembly, 2 p.m., 1143 Stamp Union; all graduate students welcome; call x2850 for info.

Philosophy Club Meeting: "On Seeing Less than the Best (rationalizing morality)," Michael Slote, 2:30 p.m., 1104 Journalism, call x2850 for info.

Dance Concert: Improvisations Unlimited, 8 p.m., EE Studio Theater; tickets \$8 (\$6 senior/citizen), call x4847 for info.*

*Admission is charged for this special event. All others are free.

Are You On the QQ Mailing List?

QQ—Report from the Center for Philosophy and Public Policy, is the quarterly newsletter published by the campus Center for Philosophy and Public Policy (the QQ is the abbreviation for "questions"). It features articles on a wide range of issues that affect the lives of many people every day. The most recent QQ, for example, contains a well-crafted, very readable summary of current scholarship on terrorism. Written

by QQ editor Claudia Mills, the article weaves together the work of several center researchers (e.g. Judith Lichtenberg and Robert Fullinwider) as well as that of scholars from elsewhere. Another recent QQ article, by center director Douglas MacLean focuses on drug testing in sports. To obtain copies of QQ, call the center at 454-6260

ARTS AT MARYLAND

Stowe Makes Light of Dismal Spaces

Laura Stowe has become the avenging angel of campus eyesores. At certain walls and entryways on campus where the typical passerby sees drabness at best, Stowe has discovered an opportunity for color and fun. Through her imaginative look at the campus, she's leaving her mark in College Park.

Stowe, the scene designer for University Theatre, will soon begin painting a Roman vista in the entryway of Francis Scott Key Hall—a project commissioned by James Leshner, acting dean for the College of Arts and Humanities. Last year she directed the painting of colorful scenes onto the cinderblock walls around theater department offices in the basement of Tawes Fine Arts Buildings.

For the work in Key, Stowe will paint pilasters on the 21-ft.-by-10-ft. walls on either side of the building entrance. On the 17-ft.-by-10-ft. wall facing the entrance she will paint a vista creating the illusion that a person is looking out from a Roman villa.

Stowe will paint in a style known as *trompe l'oeil*, painting that is designed to simulate reality. In planning the design, Stowe researched Roman painting and architecture, focusing for the most part on wall paintings from Pompeii.

Five students will work with Stowe on the project. She hopes to have the painting finished by the end of spring break.

Last year, Stowe guided the brightening of the cinderblock walls in the dark hallways beneath Tawes Theatre. She instructed students to use their creativity and paint designs onto the walls. They came up with such delights as a tavern storefront and a tropical marsh.

Stowe made the assignment to test the skill of her students in working on unfriendly surfaces. She promised other faculty members that she herself would makeover any paintings that didn't work well. The response to the initiative was enthusiastic, she says.

A California native, Stowe is in her second year on the College Park Campus. In addition to her work at UMCP, Stowe is completing a series of five decorative paintings for Children's Hospital in Washington, D.C. ■

—Brian Busek



An illustration of the Roman vista that will soon greet visitors to Francis Scott Key Hall. University Theatre scene designer Laura Stowe will paint the entrance to the building over spring break.

"Europe in Maryland" Initiative Brings Cultural Exchange Programs to UMCP

Comparative Literature's Maryland in Europe/Europe in Maryland initiative has received nearly \$100,000 in grants for upcoming programs.

The funds have come from public and private sources in the United States and Europe, says Ralph Heyndels, director of the Comparative Literature Program. A visiting professorship, a feminist exhibition and "Flemish Week" are among the programs that will be sponsored with the funds.

* The program received a \$50,000 grant from the Perelman Foundation to sponsor a Perelman Distinguished Visiting Professor beginning in fall 1988. The professorship will go to an interdisciplinary scholar who will teach a graduate seminar at UMCP, Heyndels says.

* The government of Flanders in Belgium and a variety of private groups have contributed \$46,500 for a "Flemish Week" that will be held at UMCP May 16-20. The week will include an exhibit of contemporary art, an exhibit of art photographs, a baroque music concert and films. Among the guests expected during the week are the Flemish minister-president and the Belgian ambassador.

* The European "Office for the Cultural and Professional Development of The Women" has provided a \$2,500 grant for a UMCP showing of the exhibition "150 Years of Feminism in Europe." The exhibit—featuring a variety of brochures, posters and other documents dating back to 1833—will open March 8 in Hornbake Library.

In addition, the program is involved in sponsoring a one-day seminar on the writer Isabelle de Charriere/ Belle Van Zuylen which will be held Thurs., Mar. 3, in room 4125B of McKeldin Library. The 18th century European writer has been rediscovered in recent years and is respected for the literary and philosophical quality of her work. Other sponsors of the seminar are the Department of French and Italian Languages and Literatures, The Graduate School, the Center for Renaissance and Baroque Studies, the Women's Studies Program and the Department of English.

For more information on the seminar contact Beatrice Fink (French and Italian) at 454-4303. For information on the other programs call 454-2685. ■

Memorial Concert to Honor Segovia

The tradition of classical guitarist Andrés Segovia will be carried on at UMCP through an annual memorial concert for the late musician.

Uruguayan guitarist Eduardo Fernandez will present the first of the memorial concerts 8 p.m. Sat., Feb. 27, in the Memorial Chapel. The concert is sponsored by the Maryland Summer Institute for the Creative and Performing Arts (MSICPA).

MSICPA honored Segovia during the First American Classical Guitar Congress in 1984. To express his appreciation, Segovia had planned to do a benefit concert for MSICPA in April 1987. However, the legendary classical guitarist fell ill before he could make his appearance at College Park, and, in June, he died at the age of 84.

"A number of the donors for the Segovia concert allowed us to retain

their contributions so that we could present a memorial concert for the maestro," says George Moquin, the institute's executive director.

The concert will be the first Washington-area performance for Fernandez, who has toured extensively in North America and Europe and has been hailed as one of the finest guitarists of his generation. His performance practice is in the tradition of Segovia's work, Moquin says.

The program for the concert includes works by John Dowland, J.S. Bach, Fernando Sor, Heitor Villa-Lobos, Jaures Lamarque-Pons and Joaquín Rodrigo.

Tickets are available at the Stamp Student Union Ticket Office. For more information about the concert call 454-4241. ■

—Brian Busek



Andrés Segovia



Eduardo Fernandez

Carrying Some Extra Weight These Days?

Campus Recreation Services can help you lose those extra pounds in a variety of ways. For example, lunch hour activities include the faculty/staff lap swimming program conducted Mon., Wed., and Fri. from 11 a.m. to 1 p.m. and Tues. and Thurs. from 12 to 1 p.m. in Cole Field House. (\$3 faculty/staff swim card required.) Or you may choose to walk or run yourself into shape around the Armory's 1/10-mile

polyurethane track (UMCP or UMUC identification required). After work, there are water aerobics and open swimming sessions held in Preinkert and Cole pools (call x5454 for schedules). In addition, a wide variety of intramural sports are available to those so inclined—basketball, tennis, softball, etc. Call CRS for details (x3124) on these as well as the many other activities available to those who would keep in fine fiddle.

CLOSE UP

Uncovering the Mystery of a Cow's Love Life

You've heard of love in the afternoon? How about romance in the barnyard? Kayce Cover (pronounced KAY-see COE-ver), 32, an undergraduate student who has been training animals for nearly 20 years, is working with a group of UMCP animal science professors to try to teach cows to "speak up" when they're in heat, or ready to be bred. It's literally a \$1.2 billion question. Determining when a cow is in heat, or estrus, is so time-consuming and "iffy" that farmers nationally are losing \$60 per cow in lost milk and calf production because of missed breeding cycles.

Researchers at College Park have considered several solutions to the "is-she-or-isn't-she" question of whether a cow is in estrus. First, there is the seemingly simple matter of watching the cow's behavior.

A cow in heat will allow anything—a bull, another cow—to mount her, says Mark Varner, a dairy science professor involved in the training project. But it's easy to miss these tell-tale incidents because they are fairly infrequent—only about 20 mountings in a 24-hour period—and they last only eight seconds.

"Farmers can't afford to stand there for 24 hours," Varner says. "And it's too time-consuming to use videotape because someone has to view the tapes. Also, cows tend to go way out in the field."

Another problem is that dusk and dawn are the most popular mounting times, and these are typically milking hours for farmers.

Varner and his colleagues were exploring some alternatives to the estrus-detection problem when they happened to attend a popular seminar Cover gave on animal training. ("People are just enthralled with animals," she says.)

Cover formerly trained seals and sea lions at the National Zoo, dolphins and whales at the Mystic Seaport oceanarium in Connecticut, and showdogs and stockhorses on the

West Coast when she was growing up. She has taught chickens to "tap-dance" and other creatures to perform for special events—most recently Jacques Cousteau's birthday party. (The birds honestly love the applause," she says.)

She also shares her house with two dogs, some pigeons, a squirrel, and a 12-year-old monkey named Tish.

Tish is a South American capuchin—the old-fashioned "organ-grinder" type of monkey that used to collect coins from spectators—that Cover has trained to be a helper-companion for the handicapped. The monkey does small tasks that are difficult for wheelchair-bound people, such as locking doors, turning lights on and off, bringing food from the refrigerator, carrying keys, retrieving books, papers, pencils, and pushing buttons on an elevator.

It was Cover's discussion of the training techniques that worked on Tish and her other animal "students" that triggered a light bulb in Varner's mind.

"I asked an off-the-wall question: could you get a cow in estrus to go up and touch a plate (to indicate she was in heat)?" Varner says.

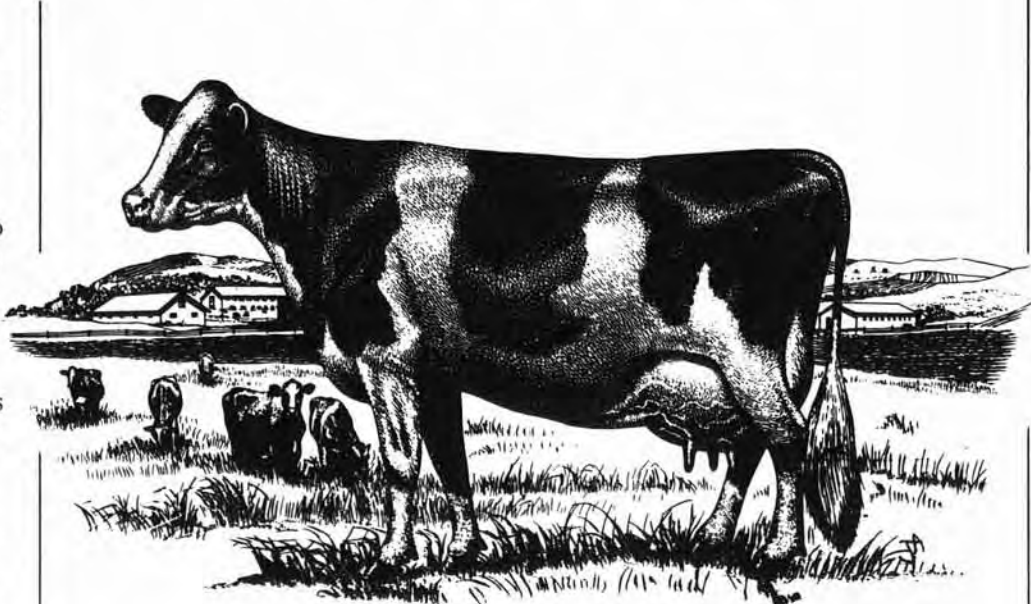
"Well," Cover told him, "I think I can."

That is how the heifer-in-heat training program began.

One out of every 10 dairy farmers, Varner says, uses a computer transponder (a sort of mini-database) worn on a collar around the cow's neck to indicate the animal's feeding requirements. His intent was to set up a similar database for the breeding cycle.

"If you could set up a reward to the sexual cycle...we needed to demonstrate that a cow would choose sex over something else during her estrus," says Varner. "We don't read the cow's mind. But they can surely choose sex versus another reward. We felt confident they could be trained, and if they could be trained, Kayce could do it."

This is how the three-month study



was done: Cover introduced to the cows two plastic paddles, one with a triangle on it and the other with a circle. She taught them that if they touched their noses to the circle they would get a half-cup of molasses-sweetened grain. If they touched the triangle, they would be let into an adjacent pen where a bull was waiting.

"We gave them five minutes to 'get together,'" Varner says. "Using hormones, it was predetermined which cows were in estrus and which were not."

Two-thirds of the time, the cows chose the sweet feed. But 20 percent of the cows in estrus chose the bull and were let into the bull's pen. Of those heifers, two-thirds were mounted. None of the cows not in estrus let themselves be mounted when they entered the bull's pen.

"The key factor was that the cows made the choices," says Varner.

Varner presented the results of the study, titled "Factors Influencing Expressing of Estrus in Dairy Cattle," in February at a meeting in Boston of the American Association for the Advancement of Science.

Given the success of the initial study, Varner's next step is to investigate what other kinds of rewards a cow will pursue in order to indicate her estrus—perhaps to offer what Cover half-jokingly calls "essence of bull," or a computer-driven station that releases sex-triggered odors. Varner's intent is to train a cow to indicate estrus without a bull on site. That would certainly help farmers avoid the expensive and sometimes hazardous prospect of housing a bull—hence the industry-wide preference for artificial insemination in dairy breeding.

Varner and his colleagues agree that Cover has a certain genius for communicating with animals. But much of her success with animal training involves a practice that most researchers find distasteful—that of anthropomor-

phism, or attributing humanlike qualities to animals. For instance, Cover speaks of Two-Pence, a six-year-old mare she is working with, as being awfully "nosy" when someone new walks into the barn. She says Pearl, a former National Zoo trainee, is "a pretty sea lion, and she knows it, and she spends lots of time sunning herself on the beach."

But the point Cover is trying to make is that animals do reason and can be motivated accordingly.

Many people believe that animals learn only by trial and error. Not true, says Cover. They can figure things out quite easily. If you have a dog, the proof is right in your own home.

For instance, put on your coat, and the dog knows you're going out. Pick up his leash, and he knows he's going along. Leave the leash, and say "stay," and the dog knows he'll be left behind. When a dog wants a treat, he'll go to the cabinet where his dog biscuits are kept. He'll whine and paw. Soon, his human friend will most likely give him what he wants.

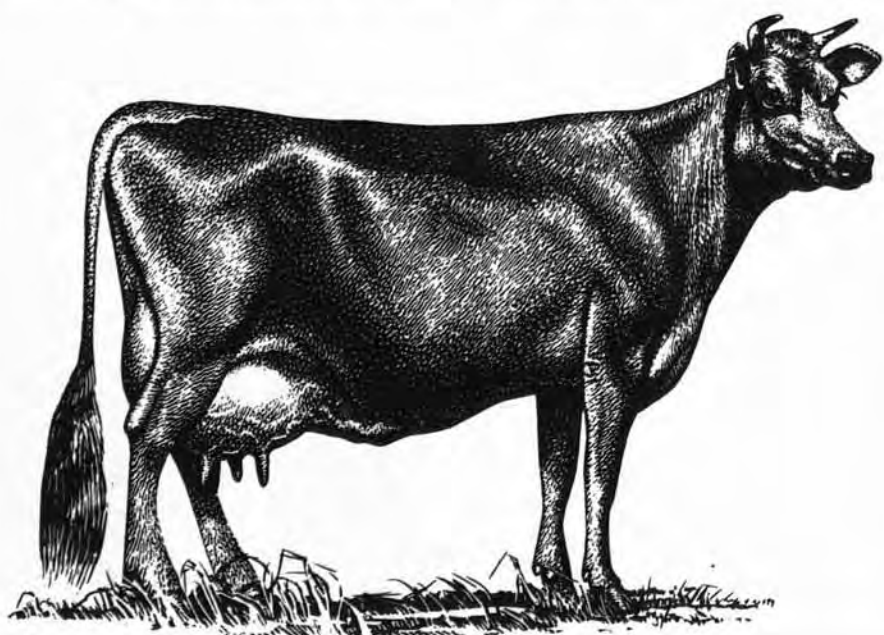
By the same token, Cover says, "If they know they will get a bad consequence from doing something, they'll stop doing it."

Give a dog—or a horse or a cow for that matter—a sharp rebuke for misbehaving, and, if the animal has any respect for you, he'll stop. Is this not reasoning, she asks?

"Kayce has convinced me and a lot of other people that there's a lot more potential in her approach to animal training than anyone wanted to believe," says Dennis Westhoff, chairman of the Department of Animal Science. "It's opened a lot of people's eyes."

"I respect the integrity of the animal," says Cover about her training talents. "Not only of its needs, desires and abilities, but also its right to learn from consequences and learn from its own actions." ■

—Dana Grabiner



Taking the Puzzle Out of Procurement and Supply

Procurement and Supply, the campus department responsible for getting supplies and services to people in need of them, is conducting a "How To" workshop on Feb. 24, 9 a.m.-noon in the Maryland Room of Marie Mount Hall. Participants, among them, faculty, staff, administrators and any others who are involved in ordering supplies, will meet with the director of procurement and supply as well as with managers and buyers. Discussion will center around the acquisition process, including steps that can minimize complications and ensure the accurate and timely delivery of supplies. Call now to register, 454-2204.

Young Black Faculty To Perform

Plan to attend a special performance by some of the campus' most gifted young Black faculty on February 25 at 4 p.m. in the Tawes Recital Hall. The talent show will feature performances by Harry Elam (Theatre Dept.), Carmen Balthrop (Music Dept.) and Alvin Mayes (Dance Dept.). There will be no charge for this event and all are invited to attend it and the reception following the show. Call Teresa DiPaola for more information, 454-6795.

COLLEGE PARK PEOPLE

IN THE SPOTLIGHT:

Lefreida Cross: Cooking up a Storm at the Rossborough Inn

Beef Wellington with liver pate is not one of her most favorite dishes, either to prepare or to eat.

But Shrimp Scampi—ah, *bon appetit!*

"It is easy to cook, it is good to eat and it's one of my favorite recipes," says Lefreida Cross, the affable and talented *chef de cuisine* of the Rossborough Inn.

Cross has been a fixture in the Inn's kitchen for the past three years and judging from the rave reviews from her clientele, she is likely to remain there.

But Cross and good cooking have not always been synonymous.

In 1977 the Northwestern High School graduate worked several semesters in the campus dining halls, serving on the food line, checking student IDs and working in the salad room. She also attended business school for a year and later worked for the American Heart Association in Riverdale.

"But office work wasn't for me," she recalls. When she first joined the Rossborough Inn staff, Cross worked out of the Carriage House serving cold sandwiches. But when the head cook left two and a half years ago, "They threw me in the spot and I started cooking."

Except for the pastries, every dish on the Inn's menu is prepared from scratch, Cross says with pride. Consequently, her introduction to the preparation of gourmet cuisine was something akin to on-the-job training. "You just pick up a cookbook and start from there. After a while you just get used to cooking."

Cross credits Inn manager Randi Dutch for much of her culinary skills. "She taught me about how to use wine and spices and seasonings. She loves to cook, and we often cook together," Cross says. "It's a lot of fun."

"If it's in the cookbook, I can do it," she says with confidence. "It may not be so great the first time you make it, but with practice it gets better."

Typically 80 to 100 customers take lunch at the Rossborough each week-day; for Friday buffets, the crowd is usually larger. "After you run out of food once or twice, you can get to tell how much to prepare. If we have a fish special, for example, I pretty much know we'll probably have 30 orders for that dish," Cross says.

Cross says she really enjoys cooking for special functions held in the Inn—receptions, parties, weddings and the like. December is traditionally the Inn's busiest time.

"We had a party or a function almost every day of the month, sometimes two a day. I didn't think it would ever end."

Cross is in the kitchen from 8:30 a.m. to 5:30 p.m. every day planning meals, developing new recipes, cooking and cleaning up. Each Thursday she conducts an inventory and makes up a list of what is needed for the coming week. On a typical Monday she may be preparing for a Tuesday breakfast meeting for the Chancellor. "I have to be organized," she notes. "I didn't used to be, but it feels good to have everything together."

In addition to being organized, Cross has become frugal as well. "I hate to see food thrown out. Leftovers from today's meal often become the base for a soup or sauce for tomorrow's."

At her North Brentwood home her three sons Keith, Kevin and Eric often ask what she cooked at work. "Sometimes when I tell them they say: 'You made that?' At home a plain meal is just fine."



Cross clearly enjoys her work and her reputation at the Rossborough.

"I'm very comfortable here; most of the people are like family. They know me and they know my kids."

But don't ask for veal. ■

—Tom Otwell

Behind the Scenes... Linguists in the Language Departments



Joline Celentano



Doris Valenti



Anni Schneider



Kathryn Karam

UMCP language departments can boast of more than just members of the faculty and their students who are fluent or learning to become so in one language or another.

Doris Valenti, secretary III in the Department of Germanic and Slavic Languages and Literatures, was born in Stuttgart, West Germany. Valenti, who has worked at UMCP for four years, speaks fluent German.

Joline Celentano is the office supervisor in the Department of French and Italian. She grew up in Maine in an Acadian family and spoke the lilting Acadian French dialect for 14 years. She recently earned her bachelor's degree in business administration from UMCP and minored in French. "I took most of the 400-level French courses here to strengthen my Parisian accent," she says.

Her department office mate **Ellen Wheatley**, secretary II, is currently enrolled in French classes at UMCP.

Kathryn Karam, the office

supervisor in the Department of Spanish and Portuguese, is not exactly a fish out of water but her degree from Connecticut College in New London is in German. She spent five years living in West Berlin and speaks the language fluently. "But," she adds, "I'm taking Spanish here at the University."

The department's office secretary **Eneyra Encarnacion** is a native of Puerto Rico and speaks flawless Spanish.

In the Language Media Center is another fluent German speaker. **Anni Schneider**, secretary III was born in Grasnitz, the Sudetenland, which was annexed by Germany in 1938 and returned to Czechoslovakia after World War II. Following the end of the war, Schneider and her family moved to a village near Kassel in Northern Germany and then to a town near Frankfurt. She came to the U.S. in 1968, married a German she met here and has been with UMCP since 1983. ■

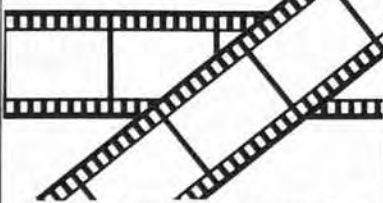
Women's History Month at College Park



1 TUE

Women's History Month Grand Kick-Off, 3:30-5:30 p.m., Maryland Room, Marie Mount Hall. Sponsored by the Chancellor's Commission on Women's Affairs. Guest speakers: Betty Collier, archivist for the Bethune Museum of the National Council of Negro Women; Jill Greenberg, past member of the Maryland Women's Commission that conceived idea for a State celebration of women; and Linda Shevitz, State Dept. specialist on sex equity and in charge of development of curricular materials in women's history. A reception will follow the presentations. Call Virginia Beauchamp for more information, 454-7018.

Tuesday Night Film Festival, 7:30 p.m., location to be announced. Sponsored by the Women's Center and the Consortium of Women's Studies Students. Call Ruta or Lisa for information, 454-6760, 3841.



Display of Women's History Curricular Materials, all month, 2nd floor, adjacent to room 2226, Benjamin Bldg. Sponsored by M. Lucia James Curriculum Lab, College of Education. Call Pauline Pivovar for more information, 454-5467.

Poster Display of Women in Civil Engineering, all month, ground floor, east end of Engineering Bldg. Sponsored by Dept. of Civil Engineering. Call D.J. Goodings for more information, 454-6286.

Exhibit of Women's History Resource Material, through March 12, Hornbake Library Lobby. Sponsored by UMCP Libraries. Call Betty Day for more information, 454-2110.

Display of Books By and About Women, all month, University Book Center's Lobby area. Sponsored by the University Book Center. Call Raquel Campos-Poussin for information, 454-3841.

3 THU

Conference on 18th Century European Woman of Letters, Isabelle de Charrier, 9 a.m.-5 p.m., McKeldin Library, Rm. 4125B. Sponsored by Dept. of French and Italian. Call Beatrice Fink for more information, 454-4303.

5 SAT

Performance by Split Britches, 7 p.m., Tawes Theatre. SB is a women's theater ensemble. The performance will be followed by a reception and panel discussion on feminist performances and aesthetics with Catherine Schuler, Evelyn T. Beck, John Fuegi and others. Sponsored by the Dept. of Communication Arts & Theatre and others. Call Catherine Schuler for ticket information, 454-4406.

7 MON

Lecture by Jehan Sadat: The Queens of the Nile: A Portrait of Egypt's Past, 1:30 p.m., Room 2203, Art/Soc. Bldg. Sponsored by the Center for International Development and Conflict Management. Call Jean Greenwald for more information, 454-7615.



8 TUE

Feminist Internship Information Sessions, 10 a.m., Room 0119, Hornbake Library. Sponsored by Experiential Learning Programs, the two half-hour sessions will provide information on how to obtain internships. Call Suzanne Mintz or Rennie Golec for more information, 454-4767.

Exhibition: "150 Years of Feminism in Europe", Hornbake Library Lobby. Opening reception from 12:30-2:00 p.m. at which lectures will be given by Marie-Therese Destercke and Evelyn T. Beck. Sponsored by the Maryland in Europe Program. The exhibition will run through April 4. Call Guy Taitch for information, 454-2685.

Tuesday Night Film Festival, 7:30 p.m. See March 1 entry for details.

9 WED

Lecture by Kate Stimpson: "Women and Gender, 1988", 4 p.m., Room 2309 Art/Soc. Bldg. Sponsored by the Women's Studies Program. Call Stephanie Prete for more information, 454-3841.



Lecture by Alma Solis: "Annette Braun: Moths and Evolution from the Turn of the Century", noon, Room 1400, Marie Mount Hall. Sponsored by the Entomology Dept. Call Shirley Donkis for more information, 454-3843.

10 THU

National Women's Studies Association Open House, 12:30-2:30 p.m., Room 3311E, Art/Soc. Bldg. Help NWSA celebrate its new home. Call Carol Combs for more information, 454-3757.

Mystery Tea: A Book-signing Party, 4 p.m., Physics Bldg. Lobby. Sponsored by the Physics Dept., the party honors first-time author Dorothy Sucher, a UMCP alumna, volunteer and spouse of Physics Professor Joseph Sucher. Sucher's newly published book, *Dead Men Don't Give Seminars*, takes place at a theoretical conference of physicists and features a middle-aged, savvy female detective. Call Mary Saffell for more information, 454-7483.

11 FRI

Feminist Internship Information Sessions, 2 p.m., Room 0119, Hornbake Library. See March 8 listing for details.

21 MON

Lecture by Shirley Chisholm, Watch for details in a later issue. Sponsored by the project on Women in Politics, Afro-American Studies, Dept. of Government and Politics, Student Government Assn., College of Behavioral and Social Sciences, Women's Center, Black Coalition, NAACP, Nyumburu Center and Panhellenic Council. Call Georgia Strasburg-Sorenson for information, 454-6681.



Women's History Month Walk-a-Thon, through March 25. Starting at noon in the Armory and into the afternoon, participants may engage in brisk walking in the one-, three- or six-mile categories. May be done in one fell swoop or over several days. Registration fee: 50¢ (to cover the cost of awards presented to those who complete the race). Sponsored by the Dept. of Physical Education and Campus Recreation Services. Call Joan Hult for more information, 454-3197, or to register, call 454-2625.

23 WED

Lecture by Martha Nell Smith: "Gender and the Poetics and Publications of Emily Dickinson", 12:15 p.m., Room 1102, Francis Scott Key Bldg. Sponsored by the College of Arts and Humanities. Call Charles Rutherford for more information, 454-6790.

24 THU

Lecture by Olwen Hufton: "Women and Crime in Early Modern Europe", 3:30 p.m., Room 3203, Art/Soc. Building. Sponsored by the History Dept. Call Ira Berlin for more information, 454-3783.

Published Women's Lecture by Claudia Mills, noon to 1 p.m., Rossborough Inn. Sponsored by the AAUW and the Maryland University Club. Claudia Mills is a children's book author and editor for the Center for Philosophy and Public Policy. Cost: \$8. Call Patty Jantho (454-5058) or Lois Schlimme (454-7896) for information/reservations.



25 FRI

Exhibition/Reception: UMCP Faculty Authors of Women's Studies Works, 4-6 p.m., Katherine Anne Porter Room, McKeldin Library. The publications' exhibition may be viewed through March 31. Sponsored by the UMCP Libraries. Call Donald Farren for more information, 454-4020.

28 MON

Panel Presentation: "Women in Communication: Past and Present Perspectives", 2 p.m., Room 1116, Journalism Bldg. Sponsored by the College of Journalism. Panelists will be graduate students Agnes Gottlieb (on "Pioneer Maryland Journalist Louise Malloy"), Linda Childers (on "Women in Public Relations") and Amy Carroll-Tucker (on "Sex Stereotyping in Advertising"). Call Larissa Grunig (454-6936) or Maurine Beasley (454-6938) for more information.

29 TUE

Tuesday Night Film Festival, 7:30 p.m. See March 1 entry for details.

30 WED

Musical Performances of Women's Work, 12:30-2 p.m., Tawes Recital Hall. Sponsored by the Music Dept., this event will feature performances by faculty and students. Call Suzanne Beicken for more information, 454-6669.

Lecture by Psychologist Peter Riebsame: "Power, Dependency and the Paradoxical Treatment of Women Who Suppress Anger", noon-1 p.m., Room 0114, Shoemaker Bldg. Sponsored by the Counseling Center. Call Cindy Weaver for more information, 454-2932.

31 THU

Lecture by Georgia Strasburg-Sorenson: "Creating Peace: A Political and Personal Journey", noon, Room 2136, Mill Building. Sponsored by the Center for International Development and Conflict Management. Call Jean Greenwald for more information, 454-7615.